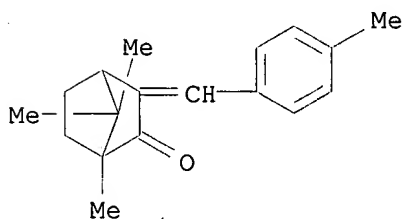


FILE 'USPATFULL, CAPLUS' ENTERED AT 09:30:31 ON 30 JUL 2002

L1 12509 S RETINOL OR 68-26-8/RN OR (RETINYL (W) ALCOHOL)
L2 188 S 263276-59-1/RN OR 263276-57-9/RN OR 263276-56-8/RN OR 249929-
L3 14 S 90394-51-7/RN OR 89666-57-9/RN OR 89666-56-8/RN
L4 194 S L2 OR L3
L5 13 S L1 AND L4
L6 12860 S 154702-15-5/RN OR 187393-00-6/RN OR 88122-99-0/RN OR 36861-47
L7 10 S L5 AND L6
L8 1915 S 103597-45-1/RN OR 4065-45-6/RN OR 290-87-9/RN
L9 3 S L5 AND L8
L10 3 S L7 AND L9
L11 0 S L9 NOT L10
L12 7 S L7 NOT L10
L13 6 DUP REM L12 (1 DUPLICATE REMOVED)
L14 3 S L13 AND PY<2000

CN Enzacamene
 CN Eusolex 6300
 CN Methylbenzylidenecamphor
 CN Neo Heliopan MBC
 CN p-Methylbenzylidenecamphor
 CN Parsol 5000
 CN Uvinul MBC 95
 DR 84055-65-2, 38102-62-4
 MF C18 H22 O
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU,
 EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, PROMT, TOXCENTER, ULIDAT,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

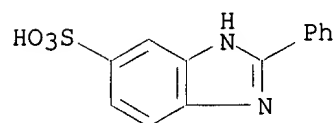
201 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 207 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:37396
 REFERENCE 2: 137:37395
 REFERENCE 3: 137:37394
 REFERENCE 4: 137:24103
 REFERENCE 5: 137:16827
 REFERENCE 6: 137:16825
 REFERENCE 7: 137:10732
 REFERENCE 8: 137:10727
 REFERENCE 9: 136:406604
 REFERENCE 10: 136:390758

L48 ANSWER 3 OF 21 REGISTRY COPYRIGHT 2002 ACS
 RN 27503-81-7 REGISTRY
 CN 1H-Benzimidazole-5-sulfonic acid, 2-phenyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 5-Benzimidazolesulfonic acid, 2-phenyl- (8CI)
 OTHER NAMES:
 CN 2-Phenyl-5-sulfobenzimidazole

UVB

CN 2-Phenylbenzimidazole-5-sulfonic acid
CN Ensulizole
CN Eusolex 232
CN Neo Heliopan Hydro
CN Novantisol
CN Parsol HS
CN Phenylbenzimidazolesulfonic acid
FS 3D CONCORD
DR 165659-93-8
MF C13 H10 N2 O3 S
CI COM
LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT,
CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU,
EMBASE, IPA, MEDLINE, MSDS-OHS, PROMT, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

292 REFERENCES IN FILE CA (1967 TO DATE)
20 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
297 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:37396
REFERENCE 2: 137:37395
REFERENCE 3: 137:37394
REFERENCE 4: 137:24104
REFERENCE 5: 137:24103
REFERENCE 6: 137:16826
REFERENCE 7: 137:16825
REFERENCE 8: 137:10727
REFERENCE 9: 137:10724
REFERENCE 10: 136:390758

L48 ANSWER 4 OF 21 REGISTRY COPYRIGHT 2002 ACS
RN 13463-67-7 REGISTRY
CN Titanium oxide (TiO2) (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1385RN59
CN 234DA
CN 500HD
CN 63B1 White
CN A 100
CN A 160

REFERENCE 8: 137:21769

REFERENCE 9: 137:20752

REFERENCE 10: 137:11530

L48 ANSWER 6 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN **6197-30-4** REGISTRY

CN 2-Propenoic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Acrylic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester (7CI, 8CI)

OTHER NAMES:

CN 2'-Ethylhexyl 2-cyano-3-phenylcinnamate

CN 2-Ethylhexyl .alpha.-cyano-.beta.,.beta.'-diphenylacrylate

CN 2-Ethylhexyl .alpha.-cyano-.beta.-phenylcinnamate

CN 2-Ethylhexyl 2-cyano-3,3-diphenyl-2-propenoate

CN 2-Ethylhexyl 2-cyano-3,3-diphenylacrylate

CN Agent AT 539

CN Eusolex OCR

CN Neo Heliopan 303

CN Octocrilene

CN Octocrylene

CN Sanduvor 3039

CN Uvinul 3039

CN Uvinul N 539

CN Uvinul N 539SG

CN Uvinul N 539T

CN Viosorb 930

FS 3D CONCORD

DR 80135-31-5, 149984-83-8, 194304-33-1

MF C24 H27 N O2

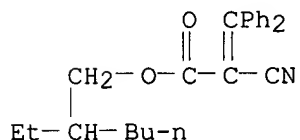
CI COM

LC STN Files: ANABSTR, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

395 REFERENCES IN FILE CA (1967 TO DATE)

404 REFERENCES IN FILE CAPLUS (1967 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:37415

REFERENCE 2: 137:37404

REFERENCE 3: 137:24104

REFERENCE 4: 137:24103
 REFERENCE 5: 137:16827
 REFERENCE 6: 137:16826
 REFERENCE 7: 137:16825
 REFERENCE 8: 137:10727
 REFERENCE 9: 137:10724
 REFERENCE 10: 137:6911

L48 ANSWER 7 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN **5466-77-3** REGISTRY

CN 2-Propenoic acid, 3-(4-methoxyphenyl)-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

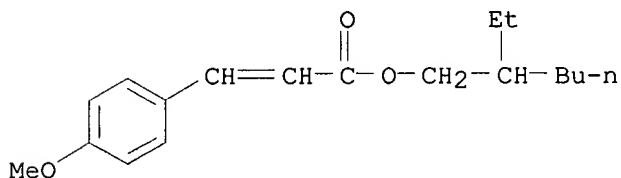
CN 2-Ethylhexyl 4-methoxycinnamate
 CN 2-Ethylhexyl p-methoxycinnamate
 CN Escalol 557
 CN Ethylhexyl p-methoxycinnamate
 CN Eusolex 2292
 CN Neo Heliopan AV
 CN Octinoxate
 CN Octyl 4-methoxycinnamate
 CN Octyl methoxycinnamate
 CN Octyl p-methoxycinnamate
 CN p-Methoxycinnamic acid 2-ethylhexyl ester
 CN Parsol MCX
 CN Parsol MCX-SA
 CN Sunscreen AV
 CN Uvinul 3088
 CN Uvinul MC 80
 CN Uvinul MC 80N
 FS 3D CONCORD
 DR 155867-04-2
 MF C18 H26 O3
 CI COM

LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PROMT, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

888 REFERENCES IN FILE CA (1967 TO DATE)

8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

901 REFERENCES IN FILE CAPLUS (1967 TO DATE)

HO₂C-(CH₂)₁₆-Me

● 1/3 A1

1706 REFERENCES IN FILE CA (1967 TO DATE)
13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1710 REFERENCES IN FILE CAPLUS (1967 TO DATE)
23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:40769

REFERENCE 2: 136:409085

REFERENCE 3: 136:406855

REFERENCE 4: 136:404056

REFERENCE 5: 136:390764

REFERENCE 6: 136:378873

REFERENCE 7: 136:371483

REFERENCE 8: 136:370854

REFERENCE 9: 136:370540

REFERENCE 10: 136:345488

L48 ANSWER 14 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 621-82-9 REGISTRY

CN 2-Propenoic acid, 3-phenyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cinnamic acid (7CI, 8CI)

OTHER NAMES:

CN .beta.-Phenylacrylic acid

CN 3-Phenyl-2-propenoic acid

CN 3-Phenylacrylic acid

CN Phenylacrylic acid

FS 3D CONCORD

MF C9 H8 O2

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

Ph-CH=CH-CO₂H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3908 REFERENCES IN FILE CA (1967 TO DATE)
620 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3925 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:33192
REFERENCE 2: 137:32429
REFERENCE 3: 137:32207
REFERENCE 4: 137:30134
REFERENCE 5: 137:20133
REFERENCE 6: 137:19430
REFERENCE 7: 137:17317
REFERENCE 8: 137:15275
REFERENCE 9: 137:14781
REFERENCE 10: 137:10724

L48 ANSWER 15 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 290-87-9 REGISTRY

CN 1,3,5-Triazine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN s-Triazine (6CI, 8CI)

OTHER NAMES:

CN Cyanidine

CN sym-Triazine

CN Vedita 250

FS 3D CONCORD

MF C3 H3 N3

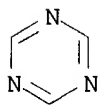
CI COM, RPS

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1623 REFERENCES IN FILE CA (1967 TO DATE)
802 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1627 REFERENCES IN FILE CAPLUS (1967 TO DATE)
59 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:37396

REFERENCE 2: 137:37395
REFERENCE 3: 137:37394
REFERENCE 4: 137:35172
REFERENCE 5: 137:20390
REFERENCE 6: 137:7355
REFERENCE 7: 137:4742
REFERENCE 8: 137:1090
REFERENCE 9: 136:408038
REFERENCE 10: 136:403080

L48 ANSWER 16 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 150-13-0 REGISTRY

CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzoic acid, p-amino- (8CI)

OTHER NAMES:

CN 4-Aminobenzoic acid

CN 4-Carboxyaniline

CN Amben

CN Aniline-4-carboxylic acid

CN Anti-Chromotrichia factor

CN Anticanitic vitamin

CN Chromotrichia factor

CN Hachemina

CN p-Aminobenzoic acid

CN p-Carboxyaniline

CN p-Carboxyphenylamine

CN PAB

CN PABA

CN Pabacyd

CN Pabafilm

CN Pabamine

CN Paraminol

CN Paranate

CN Romavit

CN Trichochromogenic factor

CN Vitamin BX

CN Vitamin H'

FS 3D CONCORD

DR 8014-65-1

MF C7 H7 N O2

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
NIOSHTIC, PDLCOM*, PHAR, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE,
TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU

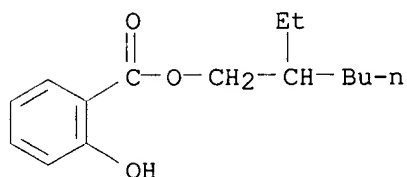
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

UVB
7

RN 118-60-5 REGISTRY
 CN Benzoic acid, 2-hydroxy-, 2-ethylhexyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Ethylhexyl o-hydroxybenzoate
 CN 2-Ethylhexyl salicylate
 CN Escalol 587
 CN Neo Heliopan OS
 CN Octisalate
 CN Octyl salicylate
 CN Salicylic acid, 2-ethylhexyl ester
 CN Sunarome O
 CN Sunarome WMO
 CN Uvinul 0-18
 CN WMO
 FS 3D CONCORD
 DR 8014-40-2, 194304-34-2
 MF C15 H22 O3
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT,
 CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE, HODOC*,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PROMT, RTECS*,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

234 REFERENCES IN FILE CA (1967 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 239 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:24104
 REFERENCE 2: 137:16827
 REFERENCE 3: 137:16826
 REFERENCE 4: 137:16825
 REFERENCE 5: 137:10724
 REFERENCE 6: 137:10703
 REFERENCE 7: 137:1952
 REFERENCE 8: 136:406882
 REFERENCE 9: 136:390758
 REFERENCE 10: 136:390757

L48 ANSWER 19 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 118-56-9 REGISTRY

CN Benzoic acid, 2-hydroxy-, 3,3,5-trimethylcyclohexyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Cyclohexanol, 3,3,5-trimethyl-, salicylate

CN Salicylic acid, 3,3,5-trimethylcyclohexyl ester (8CI)

OTHER NAMES:

CN 3,3,5-Trimethylcyclohexyl salicylate

CN Eusolex HMS

CN Filtrosol A

CN Heliopan

CN Heliopan HMS

CN Heliophan

CN Homomenthyl salicylate

CN Homosalate

CN Kemester

CN Kemester HMS

CN Neo Heliopan

CN Neo Heliopan HMS

CN Uniderm Homsal

FS 3D CONCORD

DR 8045-71-4, 50610-40-7, 52253-93-7, 194304-23-9

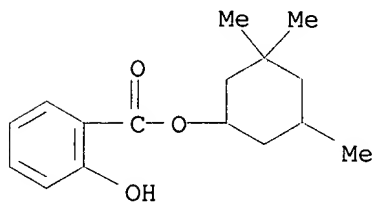
MF C16 H22 O3

LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NIOSHTIC, PROMT, SPECINFO, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

190 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

191 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:24104

REFERENCE 2: 137:16827

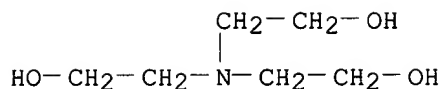
REFERENCE 3: 137:16825

REFERENCE 4: 137:10724

REFERENCE 5: 137:10703

REFERENCE 6: 137:1952

REFERENCE 7: 136:390749



3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 118:175515

REFERENCE 2: 101:216224

REFERENCE 3: 101:197952

L13 ANSWER 23 OF 28 REGISTRY COPYRIGHT 2002 ACS

RN 92761-26-7 REGISTRY

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiene)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Ecamsule

CN Mexoryl SX

CN Terephthalylidene-3,3'-dicamphor-10,10'-disulfonic acid

DR 89666-59-1, 90457-82-2

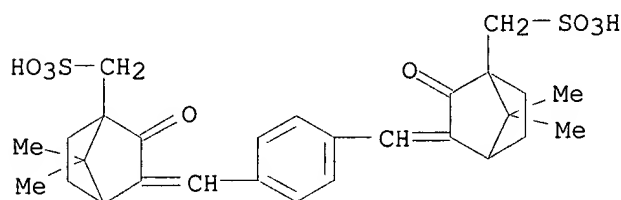
MF C28 H34 O8 S2

CI COM

LC STN Files: BIOSIS, CA, CANCERLIT, CAPLUS, CHEMLIST, MEDLINE, MRCK*,
PROMT, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

108 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

111 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:37396

REFERENCE 2: 137:37395

REFERENCE 3: 137:37394

REFERENCE 4: 137:24151

REFERENCE 5: 137:24103

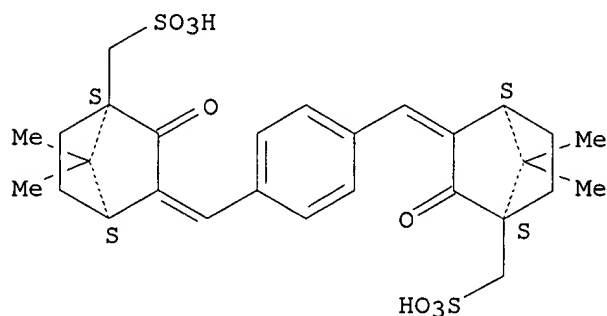
REFERENCE 6: 137:16827

REFERENCE 7: 137:16825

REFERENCE 8: 137:1952

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN **191226-60-5** REGISTRY
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiylidene)bis[7,7-dimethyl-2-oxo-, (1S,1'S,4S,4'S)- (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiylidene)bis[7,7-dimethyl-2-oxo-, [1S-[1.alpha.,3(1R*,4R*),4.alpha.]]-
 FS STEREOSEARCH
 MF C28 H34 O8 S2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.
 Double bond geometry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 16 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L16 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 191226-60-5 REGISTRY

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiene)bis[7,7-dimethyl-2-oxo-, (1S,1'S,4S,4'S)- (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiene)bis[7,7-dimethyl-2-oxo-, [1S-[1.alpha.,3(1R*,4R*),4.alpha.]]-

FS STEREOSEARCH

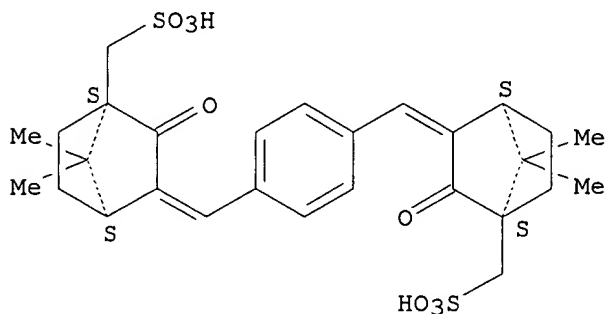
MF C28 H34 O8 S2

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

Double bond geometry unknown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

16 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

16 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 92761-26-7 REGISTRY

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3,3'-(1,4-phenylenedimethyldiene)bis[7,7-dimethyl-2-oxo- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Ecamsule

CN Mexoryl SX

CN Terephthalylidene-3,3'-dicamphor-10,10'-disulfonic acid

DR 89666-59-1, 90457-82-2

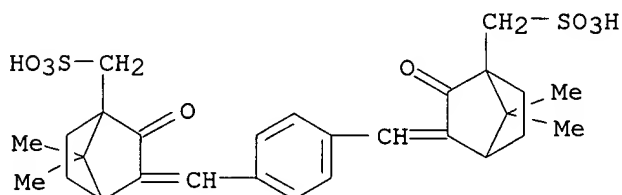
MF C28 H34 O8 S2

CI COM

LC STN Files: BIOSIS, CA, CANCERLIT, CAPLUS, CHEMLIST, MEDLINE, MRCK*,
PROMT, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: WHO



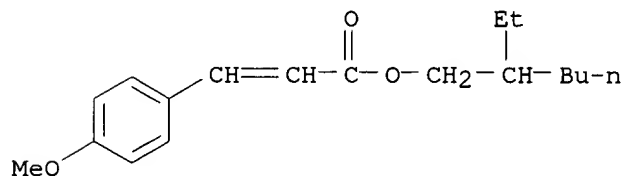
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

113 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

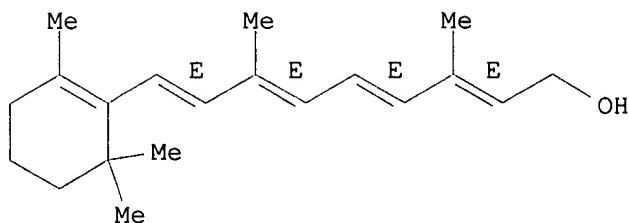
113 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN **5466-77-3** REGISTRY
 CN 2-Propenoic acid, 3-(4-methoxyphenyl)-, 2-ethylhexyl ester (9CI) (CA
 INDEX NAME)
 OTHER NAMES:
 CN 2-Ethylhexyl 4-methoxycinnamate
 CN 2-Ethylhexyl p-methoxycinnamate
 CN Escalol 557
 CN Ethylhexyl p-methoxycinnamate
 CN Eusolex 2292
 CN Neo Heliopan AV
 CN Octinoxate
 CN Octyl 4-methoxycinnamate
 CN Octyl methoxycinnamate
 CN Octyl p-methoxycinnamate
 CN p-Methoxycinnamic acid 2-ethylhexyl ester
 CN Parsol MCX
 CN Parsol MCX-SA
 CN Sunscreen AV
 CN Uvinul 3088
 CN Uvinul MC 80
 CN Uvinul MC 80N
 FS 3D CONCORD
 DR 155867-04-2
 MF C18 H26 O3
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU,
 DRUGU, EMBASE, IFICDB, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PROMT,
 SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

902 REFERENCES IN FILE CA (1967 TO DATE)
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 907 REFERENCES IN FILE CAPLUS (1967 TO DATE)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6611 REFERENCES IN FILE CA (1967 TO DATE)
 630 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6627 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 61 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:37664
 REFERENCE 2: 137:37417
 REFERENCE 3: 137:37409
 REFERENCE 4: 137:37397
 REFERENCE 5: 137:32770
 REFERENCE 6: 137:32732
 REFERENCE 7: 137:32677
 REFERENCE 8: 137:32671
 REFERENCE 9: 137:32645
 REFERENCE 10: 137:32581

=> d ide can tot 148

L48 ANSWER 1 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 103597-45-1 REGISTRY

CN Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2,2'-Methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-(2H-benzotriazol-2-yl)phenol]

CN 2,2'-Methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-benzotriazolylphenol]

CN 2,2'-Methylenebis[6-(2-benzotriazolyl)-4-(1,1,3,3-tetramethylbutyl)phenol]

CN 2,2'-Methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol]

CN ADK Stab LA 31

CN Bisoctyltriazole

CN Bis[2-hydroxy-5-tert-octyl-3-(benzotriazol-2-yl)phenyl]methane

CN LA 31

CN Mark LA 31

CN Methylenebis(2-hydroxy-3-(benzotriazol-2-yl)-5-tert-octylphenyl)

CN Mixxim BB 100

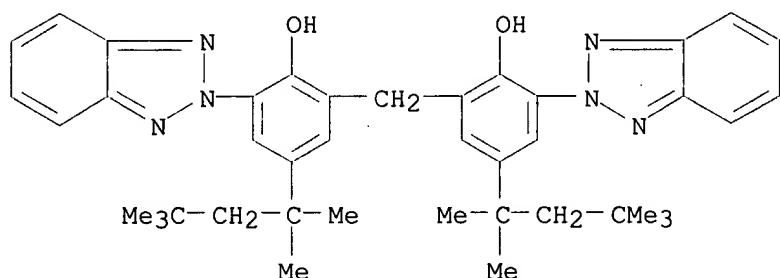
CN Tinosorb M

CN Tinuvin 360

FS 3D CONCORD

UVA
D

DR 165670-11-1, 126269-45-2, 184484-30-8, 192209-76-0, 215809-89-5
 MF C41 H50 N6 O2
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, MSDS-OHS,
 TOXCENTER, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

286 REFERENCES IN FILE CA (1967 TO DATE)
 290 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 137:37399
 REFERENCE 2: 137:37396
 REFERENCE 3: 137:37395
 REFERENCE 4: 137:37394
 REFERENCE 5: 137:24151
 REFERENCE 6: 137:24104
 REFERENCE 7: 137:24103
 REFERENCE 8: 137:21565
 REFERENCE 9: 137:16827
 REFERENCE 10: 137:16826

L48 ANSWER 2 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN **36861-47-9** REGISTRY

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-3-[(4-methylphenyl)methylene]-
 (9CI) (CA INDEX NAME)

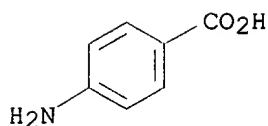
OTHER CA INDEX NAMES:

CN Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-3-[(4-methylphenyl)methylene]-
 , (.+-.)-

OTHER NAMES:

CN 1,7,7-Trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one
 CN 3-(4'-Methylbenzylidene)camphor
 CN 3-(4-Methylbenzylidene)-DL-camphor
 CN 3-(4-Methylbenzylidene)bornan-2-one
 CN 3-(4-Methylbenzylidene)camphor
 CN 3-(p-Methylbenzylidene)-DL-camphor
 CN 3-(p-Methylbenzylidene)camphor

OVB



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5967 REFERENCES IN FILE CA (1967 TO DATE)
458 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5986 REFERENCES IN FILE CAPLUS (1967 TO DATE)
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:41006
REFERENCE 2: 137:34603
REFERENCE 3: 137:33596
REFERENCE 4: 137:33566
REFERENCE 5: 137:33280
REFERENCE 6: 137:27369
REFERENCE 7: 137:27307
REFERENCE 8: 137:24785
REFERENCE 9: 137:20406
REFERENCE 10: 137:20123

L48 ANSWER 17 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 131-57-7 REGISTRY

CN Methanone, (2-hydroxy-4-methoxyphenyl)phenyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzophenone, 2-hydroxy-4-methoxy- (6CI, 8CI)

OTHER NAMES:

CN (2-hydroxy-4-methoxyphenyl)phenylmethanone

CN 2-Benzoyl-5-methoxyphenol

CN 2-Hydroxy-4-methoxybenzophenone

CN 4-Methoxy-2-hydroxybenzophenone

CN Aduvex 24

CN Advastab 45

CN Anuvex

CN ASL 24

CN Benzophenone 3

CN Chimassorb 90

CN Cyasorb UV 9

CN Cyasorb UV 9 Light Absorber

CN Escalol 567

CN MOB

CN Neo Heliopan BB

CN Ongrostab HMB

CN Onzone

CN Oxybenzon

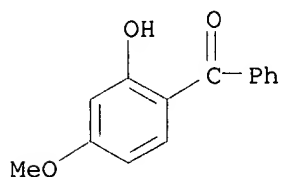
CN Oxybenzone

CN Seesorb 101

CN Spectra-Sorb UV 9

UVA
10

CN Sumisorb 110
CN Sunscreen UV 15
CN Syntase 62
CN UF 3
CN UV 9
CN Uvasorb MET/C
CN Uvinul 3040
CN Uvinul 9
CN Uvinul M 40
CN Uvistat 24
CN Viosorb 110
FS 3D CONCORD
DR 58392-15-7, 58392-22-6, 14375-37-2, 153859-73-5
MF C14 H12 O3
CI COM
LC STN Files: ADISNEWS, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES,
DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO,
SYNTHLINE, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1492 REFERENCES IN FILE CA (1967 TO DATE)
25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1504 REFERENCES IN FILE CAPLUS (1967 TO DATE)
67 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:37415
REFERENCE 2: 137:37404
REFERENCE 3: 137:24104
REFERENCE 4: 137:24103
REFERENCE 5: 137:16827
REFERENCE 6: 137:16826
REFERENCE 7: 137:16825
REFERENCE 8: 137:11003
REFERENCE 9: 137:10724
REFERENCE 10: 137:10703

REFERENCE 1: 137:37415
REFERENCE 2: 137:37404
REFERENCE 3: 137:37396
REFERENCE 4: 137:37395
REFERENCE 5: 137:37394
REFERENCE 6: 137:24138
REFERENCE 7: 137:24104
REFERENCE 8: 137:24103
REFERENCE 9: 137:23795
REFERENCE 10: 137:16827

L48 ANSWER 8 OF 21 REGISTRY COPYRIGHT 2002 ACS

RN 4065-45-6 REGISTRY

CN Benzenesulfonic acid, 5-benzoyl-4-hydroxy-2-methoxy- (7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Phenol-4-sulfonic acid, 2-benzoyl-5-methoxy- (6CI)

OTHER NAMES:

CN 2-Hydroxy-4-methoxy-5-sulfobenzophenone

CN 2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid

CN 2-Methoxy-4-hydroxy-5-benzoylbenzenesulfonic acid

CN 2-Methoxy-4-hydroxy-5-benzoylbenzenesulfonic acid

CN 3-Benzoyl-4-hydroxy-6-methoxybenzenesulfonic acid

CN 5-Benzoyl-4-hydroxy-2-methoxybenzenesulfonic acid

CN Benzophenone 4

CN MS 40

CN Seesorb 101S

CN Spectra-Sorb UV 284

CN Sulisobenzene

CN Syntase 230

CN Uval

CN Uvasorb S 5

CN Uvinul

CN Uvinul MS 40

FS 3D CONCORD

DR 62121-63-5

MF C14 H12 O6 S

CI COM

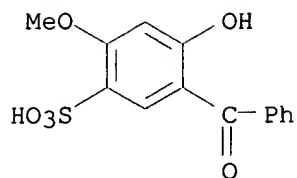
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NIOSHTIC, PROMT, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

UVA
9



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

444 REFERENCES IN FILE CA (1967 TO DATE)
 54 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 452 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:24104
 REFERENCE 2: 137:24103
 REFERENCE 3: 137:16827
 REFERENCE 4: 136:390758
 REFERENCE 5: 136:390757
 REFERENCE 6: 136:390756
 REFERENCE 7: 136:374866
 REFERENCE 8: 136:345488
 REFERENCE 9: 136:332867
 REFERENCE 10: 136:330410

L48 ANSWER 9 OF 21 REGISTRY COPYRIGHT 2002 ACS
 RN 1344-28-1 REGISTRY
 CN Aluminum oxide (Al2O3) (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN .alpha.-Alumina
 CN .alpha.-Aluminum oxide
 CN .delta.-Aluminum oxide
 CN .eta.-Alumina
 CN .gamma.-Alumina
 CN .gamma.-Aluminum oxide
 CN 1067-2M
 CN 201P2
 CN 202P1
 CN 2N
 CN 2N (alumina)
 CN 50AWA16
 CN A 1
 CN A 1 (sorbent)
 CN A 100
 CN A 100 (oxide)
 CN A 11
 CN A 11 (support)
 CN A 12
 CN A 12 (metal oxide)
 CN A 12-4
 CN A 13UG